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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number	10/750,074
Filing Date	December 31, 2003
First Named Inventor	LANINGA, Alan
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	542530-0001

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JAA		US- 4592947B1	06-03-1986	Hunter et al.	
JAA		US- 4666758B1	05-19-1987	Hunter et al.	
JAA		US- 3620905B1	11-16-1971	Ahramjian	
JAA		US- 3826629B1	07-30-1974	Pryor et al.	
JAA		US- 4664982B1	05-12-1987	Genovese et al.	
JAA		US- 5437898B1	08-01-1995	Forry et al.	
JAA		US- 3852148B1	12-03-1974	Pryor et al.	
JAA		US- 4340226B1	07-20-1982	Haines	
JAA		US- 4767664B1	08-30-1988	Oike	
JAA		US- 5412547B1	05-02-1995	Hornblad et al.	
JAA		US- 5491617B1	02-13-1996	Currie	
JAA		US- 5586691B1	12-24-1996	Gotch et al.	
JAA		US- 5291378B1	03-01-1994	Stone	
JAA		US- 6591524B1	07-15-2003	Lewis et al.	
JAA		US- 4894647B1	01-16-1990	Walden, Jr. et al.	
JAA		US- 5924784B1	07-20-1999	Chliwnyj et al.	
JAA		US- 2070952B1	02-16-1937	Mitchel	
JAA		US- 2002/0108651A1	08-15-2002	Becker	
JAA		US- 4821764B1	04-18-1989	Brenez	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	r ³
		Country Code ² Number ³ Kind Code ⁴ (if known)				
JAA		WO 99/33746A1	07-08-1999	Travis		
JAA		GB 2347993A	09-20-2000	Oakley		
JAA		GB 2323696A	09-30-1998	Nassenstein		
JAA		WO 94/04456A1	03-03-1994	Gotch et al.		
JAA		GB 2330440A	04-21-1999	Styles		

Examiner Signature	<i>[Signature]</i>	Date Considered	5/4/05
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Sheet 2 of 2

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Art Unit	Not Yet Assigned
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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